

Specification Amendments

Amend paragraph [0007] at page 2 as follows:

[0007] These scanners generally rely on the number of facets in the polygon mirror and the number of pattern mirrors to generate a certain number of scanning segments or scan lines. The number of pattern mirrors is limited by the size of the scanner housing. The present inventor has undertaken to overcome this limitation as disclosed in Acosta U.S. application Ser. No. 09/360,039 filed July 23, 1999 Patent No. 6,290,135 wherein multiple laser beams are directed along parallel paths onto the polygon mirror for creating additional scan lines.

Amend paragraph [0057] at page 10 as follows:

[0057] The previous embodiments illustrate various multibeam systems, Fig. 20 illustrates a single beam system 270 usable for example in the HS 1250, VS 1000 and VS 1200 model scanners available from PSC Inc. of Eugene Oregon. In the scanner 270, the facet wheel 272 is located more centrally below the scan window 275 (illustrated in dashed lines). Similar to previous embodiments, a beam generator 290 is mounted within a collection lens 292. The beam generator 290 produces a dithered beam 291 (dithered over an angle perpendicular to the page) and directs the dithered beam 291 onto the facet wheel 272. The facet wheel 272 scans the dithered beam 291 across a set of primary mirrors 280, 281, 282, 283, 284, 285, 286 which in turn reflect the dithered beam downwardly onto secondary mirrors 287, 288, 289. The secondary mirrors 287, 288, 289 then reflect the dithered beam upwardly and out through the window 275. Generally the

side of the scanner 270 containing the mirrors 282, 283, 284 would be oriented adjacent the checker to enable the largest concentration of scan lines to be directed toward a most likely position for the checker to position the items bearing bar codes. Return light reflected off an object scanned is returned via a retrodirective path and is collected/focused by collection lens 292 toward detector 296. Off-axis light is redirected onto the detector 296 by the redirecting element 294 as described in previous embodiment above.